

Section I:
AMENDMENT UNDER 37 CFR §1.121 to the
CLAIMS

1. (Original) In a telescopic gunsight having an optical system comprised of a forward objective lens element, a rear eyepiece lens element and intervening erector lens element, said elements being aligned upon an optical axis constituting a line of sight and protectively confined within an elongated tubular housing adapted to be securely affixed to a rifle, the improvement comprising the addition into said optical system, between said objective and erector lens elements of a transparent reticle having distance-measuring and aiming indicia, said indicia comprising orthogonally intersecting center vertical and center horizontal straight hairlines, said center vertical and center horizontal hairlines having radially distal portions which are widened so as to form posts having radially directed innermost and outermost extremities, and four straight horizontal range-marker hairlines of sequentially incremental length disposed below said center horizontal hairline in vertically bisected relationship with said center vertical hairline.

2. (Original) The telescopic gunsight of claim 1 wherein the intersection of said center vertical and center horizontal hairlines constitutes a center point which defines a bullet impact point at 100 and 200 yards.

3. (Previously Presented) The telescopic gunsight of claim 2 wherein the intersection of said first, second, third and fourth range-marker hairlines with said vertical hairline constitute first, second, third and fourth alternative bullet impact points, respectively, at ranges of 300, 400, 500 and 600 yards, respectively.

4. (Original) The telescopic gunsight of claim 1 wherein the innermost extremities of said posts are disposed upon a circular locus about said center point.

5. (Currently Amended) The telescopic gunsight of claim 1 wherein ~~a dimension of the various features of said reticle~~ at least one of said indicia corresponds to inches of subtention at 100

yards.

6. (Previously Presented) The telescopic gunsight of claim 5 wherein the width of the unwidened portions of said center vertical and center horizontal hairlines is 0.6 inches of subtention at 100 yards.

7. (Previously Presented) The telescopic gunsight of claim 5 wherein the distance between a center point and the innermost extremities of said posts is 25 inches of subtention at 100 yards.

8. (Currently Amended) The telescopic gunsight of claim 5 wherein distances of separation of said ~~range-marker~~ range-marker hairlines from a center point are such as to cause the sequential spacing between said range range-marker hairlines to progressively increase.

9. (Currently Amended) The telescopic gunsight of claim 5 wherein distances of separation of said first, second, third and fourth ~~range-marker~~ range-marker hairlines from a center point are 2.0, 4.8, 7.5 and 10.5 inches, respectively.

10. (Currently Amended) The telescopic gunsight of claim 5 wherein the lengths of said first, second, third and fourth range-marker hairlines are 4.12, 5.90, 8.32 and 9.72 inches, respectively.

11 - 37 (Canceled).

38. (Currently Amended) The telescopic gunsight of claim 5 wherein distances of separation of said first and second ~~range-marker~~ range-marker hairlines from a center point are 2.0 and 4.8 inches of subtention at 100 yards, respectively.

39. (Currently Amended) The telescopic gunsight of claim 38 wherein a distance of separation of said third ~~range-marker~~ range-marker hairline from a center point is 7.5 inches of subtention at 100 yards.

40. (Currently Amended) The telescopic gunsight of claim 38 wherein a distance of separation of

said fourth ~~range-marker~~ range-marker hairline from a center point is 10.5 inches of subtention at 100 yards.

41. (Currently Amended) In a telescopic gunsight having an optical system comprised of a forward objective lens element, a rear eyepiece lens element and an intervening erector lens element, said elements being aligned upon an optical axis constituting a line of sight and protectively confined within an elongated tubular housing, the improvement comprising ~~[[the]]~~ addition into said optical system between said objective and erector lens elements of a reticle having distance-measuring and aiming indicia; said indicia comprising orthogonally intersecting center vertical and center horizontal hairlines orthogonally intersecting and approximately bisecting each other at a center point, said vertical and horizontal hairlines having radially distal post portions, and at least ~~[[two]]~~ four horizontal range-marker hairlines disposed below said center horizontal hairline, including one or more construction criteria selected from the group of:

- (a) distances of separation of said first and second horizontal range-marker hairlines from a center point are approximately 2.0 and 4.8 inches of subtention at 100 yards, respectively,
- (b) a distance of separation of said third horizontal range-marker hairline from said center point is approximately 7.5 inches of subtention at 100 yards,
- (c) a distance of separation of said fourth horizontal range-marker hairline from said center point is approximately 10.5 inches of subtention at 100 yards,
- (d) lengths of said first and second horizontal range-marker hairlines are approximately 4.12 and 5.90 inches of subtention at 100 yards, respectively,
- (e) a length of said third horizontal range-marker hairline is approximately 8.32 inches of subtention at 100 yards, and
- (f) a length of said fourth horizontal range-marker hairline is approximately 9.72 inches of subtention at 100 yards.

42. (Previously Presented) The telescopic gunsight of claim 41 wherein the intersection of said vertical and horizontal hairlines constitutes a center point which defines a bullet impact point.

43. (Currently Amended) The telescopic gunsight of claim 42 wherein ~~the intersection of said at~~

least two of said range-marker hairlines intersect with said vertical hairline ~~constitute~~ constituting at least first and second bullet impact points, respectively, at ranges of 300 yards and 400 yards, respectively.

44. (Currently Amended) The telescopic gunsight of claim 41 wherein at least one of said radially distal post portions of said vertical and horizontal hairlines ~~[[are]]~~ is widened.

45. (Currently Amended) The telescopic gunsight of claim 44 wherein at least one radially distal portion has an innermost extremity of said post or posts disposed upon a circular locus about a center point which defines a bullet impact point.

46. (Currently Amended) The telescopic gunsight of claim 41 wherein ~~a dimension of the various features of said reticle~~ at least one of said indicia corresponds to inches of subtention at 100 yards.

47. (Currently Amended) The telescopic gunsight of claim 41 wherein the distance between ~~[[a]]~~ said center point and the innermost extremities of said posts is 25 inches.

48. (Currently Amended) The telescopic gunsight of claim 41 wherein distances of separation of said ~~range-marker~~ range-marker hairlines from a center point are such as to cause ~~[[the]]~~ sequential spacing between said ~~range-marker~~ range-marker hairlines to progressively increase.

49 - 54 (canceled).

55. (New) A method comprising producing a riflescope reticle label by imprinting a sheet material with markings including a zeroed range value associated with orthogonally intersecting center vertical and center horizontal hairline, and having four or more range values, each associated with and at least four straight horizontal range-marker hairlines of sequentially incremental length disposed below said center horizontal hairline in vertically bisected relationship with said center vertical hairline, wherein said range values indicating ranges at which each intersection of said vertical hairline and each horizontal hairline represent points of

impact for a corresponding bullet, cartridge, and rifle.

56. (New) The method as set forth in Claim 55 further comprising affixing said label to a rifle or riflescope mounted on a rifle, wherein said rifle is capable of firing said corresponding bullet and cartridge, and where said riflescope is equipped with a corresponding riflescope reticle having said four or more range-marker hairlines.

57. (New) The method as set forth in Claim 56 further comprising loading said rifle with said corresponding bullet and cartridge, and aiming said rifle using said reticle according to said range-marker hairlines and said label.